

In order to help facilitate the transition to Arizona's Common Core Standards and the PARCC assessment, this document provides the changes in standards (from 2008 to 2010) and in assessments (from AIMS to PARCC). Descriptions of the document's columns are as follows.

Addressed by AIMS (2013 and 2014) – The Performance Objectives identified in the two columns below this heading are to be embedded in instruction and are assessed by AIMS in 2013 and 2014.

- Removed from Specifically Being Tested in 2015 Some of the more "granular" POs from the 2008 Standard have been incorporated into the more "global" standards of Arizona's Common Core Standards by becoming examples or prerequisite knowledge for teaching the concept. This column notes the Performance Objectives that have been removed as being tested as a specific objective. The Performance Objectives identified in this column will still be assessed by AIMS in 2013 and 2014.
- Moved to a Different Grade Level Performance Objectives listed in this column will move to a different grade level for Arizona's Common Core Standards and the PARCC Assessment as indicated at the end of the PO. The Performance Objectives identified in this column will still be assessed by AIMS in 2013 and 2014 at the current grade level.

Addressed by PARCC (2015) – The Performance Objectives identified in the two columns below this heading are included in the 2010 Standards and are expected to be addressed by the PARCC assessment.

- Moved from Another Grade Level For alignment to Arizona's Common Core Standards and to be addressed by the PARCC
 Assessment, the Performance Objectives identified in this column are moved into the current grade level from another grade
 level as indicated at the beginning of the PO.
- **New Standards** As noted by an asterisk in the Mathematics Crosswalks, the standards listed in this column from Arizona's Common Core Standards are new and will not match any of the POs from the 2008 Standard. These new standards are expected to be addressed by the PARCC assessment.



GRADE 8			
Addressed by AIMS (2013 and 2014)		Addressed by PARCC (2015)	
Removed from Specifically	Moved to a	Moved from	New Standards
Being Tested in 2015	Different Grade Level	Another Grade Level	
M08-S2C1-04 (2008) Determine whether information is represented effectively and appropriately given a graph or a set of data by identifying sources of bias and compare and contrast the effectiveness of different representations of data.	M08-S1C1-01 (2008) Compare and order real numbers including very large and small integers, and decimals and fractions close to zero. MOVED to 6.NS.7	M06- S1C3-01 (2008) and M07-S1C3- 01(2008) and M07-S1C3-03 (2008) and MHS- S1C3-01(2008) and MHS- S1C3-04 (2008) MOVED to 8.NS.2 Use rational approximations of irrational numbers to compare the size of irrational numbers, locate them approximately on a number line diagram, and estimate the value of	8.F.2 Compare properties of two functions each represented in a different way (algebraically, graphically, numerically in tables, or by verbal descriptions). For example, given a linear function represented by a table of values and a linear function represented by an algebraic expression, determine which function
		expressions (e.g., π^2).	has the greater rate of change.
M08-S2C3-01 (2008) Represent,	M08-S1C1-04 (2008) Model and solve	MHS-S1C2-03 (2008) and MHS- S1C2-	
analyze, and solve counting problems	problems involving absolute values.	01 (2008) MOVED to 8.EE.1	
with or without ordering and	MOVED to 7.NS.1c	Know and apply the properties of	
repetitions.		integer exponents to generate	
		equivalent numerical expressions.	
M08-S2C3-02 (2008) Solve counting problems and represent counting principles algebraically including	M08-S1C2-01 (2008) Solve problems with factors, multiples, divisibility or remainders, prime numbers, and	M06-S1C1-06 (2008) MOVED TO 8.EE.2 Use square root and cube root	
factorial notation.	composite numbers.	symbols to represent solutions to	
idetorial notation.	MOVED to 6.NS.4	equations of the form $x^2 = p$ and $x^3 = 1$	
	Me ves to onion	p, where p is a positive rational	
		number. Evaluate square roots of	
		small perfect squares and cube roots	
		of small perfect cubes. Know that V2	
		is irrational.	



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M08-S2C4-01 (2008) Use directed	M08-S1C2-02 (2008) Describe the	M07-S1C2-04 (2008) MOVED TO	
graphs to solve problems.	effect of multiplying and dividing a	8.EE.3	
	rational number by	Use numbers expressed in the form	
	 a number less than zero, 	of a single digit times an integer	
	 a number between zero and one, 	power of 10 to estimate very large or	
	one, and	very small quantities, and to express	
	a number greater than one.	how many times as much one is than	
	MOVED to 5.NF.5b	the other.	
M08-S4C2-03 (2008) Identify lines of	M08-S1C2-03 (2008) Solve problems	MHS-S1C2-04 (2008) MOVED TO	
symmetry in plane figures or classify	involving percent increase, percent	8.EE.4	
types of symmetries of 2-dimensional	decrease, and simple interest rates.	Perform operations with numbers	
figures.	MOVED to 7.RP.3	expressed in scientific notation,	
		including problems where both	
		decimal and scientific notation are	
		used. Use scientific notation and	
		choose units of appropriate size for	
		measurements of very large or very	
		small quantities (e.g., use millimeters	
		per year for seafloor spreading).	
		Interpret scientific notation that has	
		been generated by technology.	



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M08-S4C4-01 (2008) Solve problems	M08-S2C1-03 (2008) Describe how	MHS-S4C3-07 (2008) MOVED TO	
involving conversions within the	summary statistics relate to the	8.EE.8b	
same measurement system.	shape of the distribution. MOVED to	Solve systems of two linear	
	7.SP.3	equations in two variables	
		algebraically, and estimate solutions	
		by graphing the equations. Solve	
		simple cases by inspection. For	
		example, $3x + 2y = 5$ and $3x + 2y = 6$	
		have no solution because 3x + 2y	
		cannot simultaneously be 5 and 6.	
M08-S5C2-10 (2008) Solve logic	M08-S2C1-05 (2008) Evaluate the	M07-S4C2-01 (2008) MOVED TO	
problems involving multiple	design of an experiment.	8.G.1	
variables, conditional statements,	MOVED to 7.SP.2	Verify experimentally the properties	
conjectures, and negation using		of rotations, reflections, and	
words, charts, and pictures.		translations:	
	M08-S2C2-01 (2008) Determine	M06-S4C2-01(2008) and M07-S4C2-	
	theoretical and experimental	01 (2008) and M07-S4C1-05 (2008)	
	conditional probabilities in	MOVED TO 8.G.2	
	compound probability experiments.	Understand that a two-dimensional	
	MOVED to 7.SP.8a	figure is congruent to another if the	
		second can be obtained from the first	
		by a sequence of rotations,	
		reflections, and translations; given	
		two congruent figures, describe a sequence that exhibits the	
		congruence between them.	
		congruence between them.	



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Jemy resteu iii 2015	M08-S2C2-02 (2008) Interpret probabilities within a given context and compare the outcome of an experiment to predictions made prior to performing the experiment. MOVED to 7.SP.7b M08-S2C2-03 (2008) Use all possible	M06-S4C2-01 (2008) and M07-S4C2- 01(2008) and MHS-S4C2-03(2008) and MHS-S4C2-04 (2008) MOVED TO 8.G.3 Describe the effect of dilations, translations, rotations, and reflections on two-dimensional figures using coordinates.	
	outcomes (sample space) to determine the probability of dependent and independent events. MOVED to 7.SP.8b	03 (2008) and MHS-S4C2-04 (2008) MOVED TO 8.G.4 Understand that a two-dimensional figure is similar to another if the second can be obtained from the first by a sequence of rotations, reflections, translations, and dilations; given two similar two-dimensional figures, describe a sequence that exhibits the similarity between them.	
	M08-S3C3-02 (2008) Evaluate an expression containing variables by substituting rational numbers for the variables. MOVED to 6.EE.2c	M05-S4C1-02 (2008) and MHS-S4C1-06 (2008) MOVED TO 8.G. 5 Use informal arguments to establish facts about the angle sum and exterior angle of triangles, about the angles created when parallel lines are cut by a transversal, and the angle- angle criterion for similarity of triangles.	



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J	M08-S3C3-05 (2008) Graph an inequality on a number line. MOVED to 6.EE.8	MHS-S4C3-02 (2008) MOVED TO 8.G.8 Apply the Pythagorean Theorem to find the distance between two		
	M08-S3C4-02 (2008) Solve problems involving simple rates. REDISTRIBUTED to 6.RP.3 a – d and 7.RP.1	points in a coordinate system. M07-S2C1-01 (2008) and M07-S2C1- 02 (2008) and M07-S2C1-03 (2008) MOVED to 8.SP.1		
	M08-S4C1-01 (2008) Identify the attributes of circles: radius, diameter, chords, tangents, secants, inscribed angles, central angles, intercepted arcs, circumference, and area. MOVED to HS.G-C.2			
	M08-S4C1-02 (2008) Predict results of combining, subdividing, and changing shapes of plane figures and solids. MOVED to 7.G.3			
	M08-S4C3-01 (2008) Make and test a conjecture about how to find the midpoint between any two points in the coordinate plane. MOVED to HS.G-GPE.6			
	M08-S5C1-01 (2008) Create an algorithm to solve problems involving indirect measurements, using proportional reasoning, dimensional analysis, and the concepts of density and rate. MOVED to HS.N-Q.1			

